

# IMPERIAL COUNTY

## 2017 and 2018 Initial Notification

### EE Initial Notification Summary Information

Submitting Agency: ICAPCD

Agency Contact: Monica Soucier, APC Division Manager

Date Submitted: 6/25/2019

Applicable NAAQS: 2006 PM<sub>10</sub> Standard

Affected Regulatory Decision:<sup>1</sup> Attainment Demonstration  
*(for classification decisions, specify level of the classification with/without EE concurrence)*

Area Name/Designation Status: Imperial Valley Planning Area for PM<sub>10</sub> Serious Non-Attainment

Design Value Period (list three year period): 2016-2018  
 (Where there are multiple relevant design value periods, summarize separately)

### A) Information specific to each flagged monitor day that may be submitted to EPA in support of the affected regulatory decision listed above

Date of Event	Type of Event (high wind, volcano, wildfires/prescribed fire, other <sup>2</sup> )	AQS Flag	Monitor AQS ID (and POC)	Monitor Name	Exceedance Concentration (with units)		Notes (e.g. event name, links to other events)
02/17/2017	High Wind	rj	06-025-4004-3	Niland (English Rd)	247	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
03/30/2017	High Wind	rj	06-025-0007-3	Brawley-Main Street #2	180	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
03/30/2017	High Wind	rj	06-025-0005-3	Calexico (Ethel St)	167	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
03/30/2017	High Wind	rj	06-025-1003-4	El Centro	196	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
03/30/2017	High Wind	rj	06-025-4004-3	Niland-English Rd	227	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
03/30/2017	High Wind	rj	06-025-4003-3	Westmorland	214	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
05/06/2017	High Wind	rj	06-025-0007-3	Brawley-Main Street #2	449	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
05/06/2017	High Wind	rj	06-025-0005-3	Calexico (Ethel St)	409	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
05/06/2017	High Wind	rj	06-025-1003-4	El Centro	268	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
05/06/2017	High Wind	rj	06-025-4004-3	Niland-English Rd	345	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
05/06/2017	High Wind	rj	06-025-4003-3	Westmorland	297	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
05/15/2017	High Wind	rj	06-025-0007-3	Brawley-Main Street #2	190	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
05/15/2017	High Wind	rj	06-025-4003-3	Westmorland	246	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
05/25/2017	High Wind	rj	06-025-0007-3	Brawley-Main Street #2	164	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
07/08/2017	High Wind	rj	06-025-0007-3	Brawley-Main Street #2	182	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
07/08/2017	High Wind	rj	06-025-4003-3	Westmorland	188	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
07/23/2017	High Wind	rj	06-025-0005-3	Calexico (Ethel St)	159	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
09/02/2017	High Wind	rj	06-025-1003-4	El Centro	158	µg/m <sup>3</sup>	High Wind Dust Exceptional Event

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Date of Event	Type of Event (high wind, volcano, wildfires/prescribed fire, other <sup>2</sup> )	AQS Flag	Monitor AQS ID (and POC)	Monitor Name	Exceedance Concentration (with units)		Notes (e.g. event name, links to other events)
09/13/2017	High Wind	rj	06-025-0007-3	Brawley-Main Street #2	155	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
09/13/2017	High Wind	rj	06-025-4003-3	Westmorland	183	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
09/14/2017	High Wind	rj	06-025-0007-3	Brawley-Main Street #2	163	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
09/14/2017	High Wind	rj	06-025-1003-4	El Centro	164	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
09/14/2017	High Wind	rj	06-025-4003-3	Westmorland	175	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
09/21/2017	High Wind	rj	06-025-0005-3	Calexico (Ethel St)	273	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
10/20/2017	High Wind	rj	06-025-0007-3	Brawley-Main Street #2	424	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
10/20/2017	High Wind	rj	06-025-0005-3	Calexico (Ethel St)	319	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
10/20/2017	High Wind	rj	06-025-1003-4	El Centro	187	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
10/20/2017	High Wind	rj	06-025-4004-3	Niland-English Rd	236	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
10/20/2017	High Wind	rj	06-025-4003-3	Westmorland	337	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
12/20/2017	High Wind	rj	06-025-0007-3	Brawley-Main Street #2	158	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
12/20/2017	High Wind	rj	06-025-4003-3	Westmorland	169	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
01/20/2018	High Wind	rj	06-025-0007-3	Brawley-Main Street #2	163	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
01/20/2018	High Wind	rj	06-025-0005-3	Calexico (Ethel St)	225	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
02/11/2018	High Wind	rj	06-025-0005-3	Calexico (Ethel St)	172	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
02/19/2018	High Wind	rj	06-025-0007-3	Brawley-Main Street #2	224	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
02/19/2018	High Wind	rj	06-025-4004-3	Niland-English Rd	230	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
02/19/2018	High Wind	rj	06-025-4003-3	Westmorland	193	µg/m <sup>3</sup>	High Wind Dust Exceptional Event

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Date of Event	Type of Event (high wind, volcano, wildfires/prescribed fire, other <sup>2</sup> )	AQS Flag	Monitor AQS ID (and POC)	Monitor Name	Exceedance Concentration (with units)		Notes (e.g. event name, links to other events)
<a href="#">02/19/2018</a>	<a href="#">High Wind</a>	<a href="#">rj</a>	<a href="#">06-025-0005-3</a>	<a href="#">Calexico (Ethel St)</a>	<a href="#">182</a>	<a href="#">µg/m<sup>3</sup></a>	<a href="#">High Wind Dust Exceptional Event</a>
<a href="#">04/11/2018</a>	<a href="#">High Wind</a>	<a href="#">rj</a>	<a href="#">06-025-4004-3</a>	<a href="#">Niland-English Rd</a>	<a href="#">191</a>	<a href="#">µg/m<sup>3</sup></a>	<a href="#">High Wind Dust Exceptional Event</a>
<a href="#">04/12/2018</a>	<a href="#">High Wind</a>	<a href="#">rj</a>	<a href="#">06-025-0007-3</a>	<a href="#">Brawley-Main Street #2</a>	<a href="#">183</a>	<a href="#">µg/m<sup>3</sup></a>	<a href="#">High Wind Dust Exceptional Event</a>
<a href="#">04/12/2018</a>	<a href="#">High Wind</a>	<a href="#">rj</a>	<a href="#">06-025-0005-3</a>	<a href="#">Calexico (Ethel St)</a>	<a href="#">182</a>	<a href="#">µg/m<sup>3</sup></a>	<a href="#">High Wind Dust Exceptional Event</a>
<a href="#">04/12/2018</a>	<a href="#">High Wind</a>	<a href="#">rj</a>	<a href="#">06-025-1003-4</a>	<a href="#">El Centro</a>	<a href="#">159</a>	<a href="#">µg/m<sup>3</sup></a>	<a href="#">High Wind Dust Exceptional Event</a>
<a href="#">04/16/2018</a>	<a href="#">High Wind</a>	<a href="#">rj</a>	<a href="#">06-025-0007-3</a>	<a href="#">Brawley-Main Street #2</a>	<a href="#">407</a>	<a href="#">µg/m<sup>3</sup></a>	<a href="#">High Wind Dust Exceptional Event</a>
<a href="#">04/16/2018</a>	<a href="#">High Wind</a>	<a href="#">rj</a>	<a href="#">06-025-0005-3</a>	<a href="#">Calexico (Ethel St)</a>	<a href="#">407</a>	<a href="#">µg/m<sup>3</sup></a>	<a href="#">High Wind Dust Exceptional Event</a>
<a href="#">04/16/2018</a>	<a href="#">High Wind</a>	<a href="#">rj</a>	<a href="#">06-025-1003-4</a>	<a href="#">El Centro</a>	<a href="#">173</a>	<a href="#">µg/m<sup>3</sup></a>	<a href="#">High Wind Dust Exceptional Event</a>
<a href="#">04/16/2018</a>	<a href="#">High Wind</a>	<a href="#">rj</a>	<a href="#">06-025-4004-3</a>	<a href="#">Niland-English Rd</a>	<a href="#">222</a>	<a href="#">µg/m<sup>3</sup></a>	<a href="#">High Wind Dust Exceptional Event</a>
<a href="#">04/16/2018</a>	<a href="#">High Wind</a>	<a href="#">rj</a>	<a href="#">06-025-4003-3</a>	<a href="#">Westmorland</a>	<a href="#">351</a>	<a href="#">µg/m<sup>3</sup></a>	<a href="#">High Wind Dust Exceptional Event</a>
<a href="#">04/19/2018</a>	<a href="#">High Wind</a>	<a href="#">rj</a>	<a href="#">06-025-0007-3</a>	<a href="#">Brawley-Main Street #2</a>	<a href="#">334</a>	<a href="#">µg/m<sup>3</sup></a>	<a href="#">High Wind Dust Exceptional Event</a>
<a href="#">04/19/2018</a>	<a href="#">High Wind</a>	<a href="#">rj</a>	<a href="#">06-025-0005-3</a>	<a href="#">Calexico (Ethel St)</a>	<a href="#">178</a>	<a href="#">µg/m<sup>3</sup></a>	<a href="#">High Wind Dust Exceptional Event</a>
<a href="#">04/19/2018</a>	<a href="#">High Wind</a>	<a href="#">rj</a>	<a href="#">06-025-4003-3</a>	<a href="#">Westmorland</a>	<a href="#">186</a>	<a href="#">µg/m<sup>3</sup></a>	<a href="#">High Wind Dust Exceptional Event</a>
<a href="#">04/29/2018</a>	<a href="#">High Wind</a>	<a href="#">rj</a>	<a href="#">06-025-0007-3</a>	<a href="#">Brawley-Main Street #2</a>	<a href="#">310</a>	<a href="#">µg/m<sup>3</sup></a>	<a href="#">High Wind Dust Exceptional Event</a>
<a href="#">04/29/2018</a>	<a href="#">High Wind</a>	<a href="#">rj</a>	<a href="#">06-025-4004-3</a>	<a href="#">Niland-English Rd</a>	<a href="#">243</a>	<a href="#">µg/m<sup>3</sup></a>	<a href="#">High Wind Dust Exceptional Event</a>
<a href="#">04/29/2018</a>	<a href="#">High Wind</a>	<a href="#">rj</a>	<a href="#">06-025-4003-3</a>	<a href="#">Westmorland</a>	<a href="#">206</a>	<a href="#">µg/m<sup>3</sup></a>	<a href="#">High Wind Dust Exceptional Event</a>
<a href="#">04/30/2018</a>	<a href="#">High Wind</a>	<a href="#">rj</a>	<a href="#">06-025-0007-3</a>	<a href="#">Brawley-Main Street #2</a>	<a href="#">270</a>	<a href="#">µg/m<sup>3</sup></a>	<a href="#">High Wind Dust Exceptional Event</a>
<a href="#">04/30/2018</a>	<a href="#">High Wind</a>	<a href="#">rj</a>	<a href="#">06-025-4004-3</a>	<a href="#">Niland-English Rd</a>	<a href="#">162</a>	<a href="#">µg/m<sup>3</sup></a>	<a href="#">High Wind Dust Exceptional Event</a>
<a href="#">04/30/2018</a>	<a href="#">High Wind</a>	<a href="#">rj</a>	<a href="#">06-025-4003-3</a>	<a href="#">Westmorland</a>	<a href="#">207</a>	<a href="#">µg/m<sup>3</sup></a>	<a href="#">High Wind Dust Exceptional Event</a>

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Area Name/Designation Status: Imperial Valley Planning Area for PM<sub>10</sub> Serious Non-Attainment

Design Value Period (list three year period): 2016-2018  
 (Where there are multiple relevant design value periods, summarize separately)

Date of Event	Type of Event (high wind, volcano, wildfires/prescribed fire, other <sup>2</sup> )	AQS Flag	Monitor AQS ID (and POC)	Monitor Name	Exceedance Concentration (with units)		Notes (e.g. event name, links to other events)
05/01/2018	High Wind	rj	06-025-0007-3	Brawley-Main Street #2	157	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
05/11/2018	High Wind	rj	06-025-0007-3	Brawley-Main Street #2	335	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
05/11/2018	High Wind	rj	06-025-1003-4	El Centro	166	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
05/11/2018	High Wind	rj	06-025-4004-3	Niland-English Rd	215	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
05/11/2018	High Wind	rj	06-025-4003-3	Westmorland	414	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
05/25/2018	High Wind	rj	06-025-0007-3	Brawley-Main Street #2	159	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
05/25/2018	High Wind	rj	06-025-0005-3	Calexico (Ethel St)	156	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
06/17/2018	High Wind	rj	06-025-0007-3	Brawley-Main Street #2	168	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
06/23/2018	High Wind	rj	06-025-4004-3	Niland-English Rd	163	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
06/28/2018	High Wind	rj	06-025-4004-3	Niland-English Rd	173	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
07/09/2018	High Wind	rj	06-025-0007-3	Brawley-Main Street #2	230	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
07/09/2018	High Wind	rj	06-025-0005-3	Calexico (Ethel St)	307	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
07/09/2018	High Wind	rj	06-025-1003-4	El Centro	256	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
07/09/2018	High Wind	rj	06-025-4004-3	Niland-English Rd	181	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
07/09/2018	High Wind	rj	06-025-4003-3	Westmorland	185	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
08/20/2018	High Wind	rj	06-025-1003-4	El Centro	162	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
10/03/2018	High Wind	rj	06-025-4003-3	Westmorland	169	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
10/06/2018	High Wind	rj	06-025-0007-3	Brawley-Main Street #2	181	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
11/29/2018	High Wind	rj	06-025-4004-3	Niland-English Rd	331	µg/m <sup>3</sup>	High Wind Dust Exceptional Event
11/29/2018	High Wind	rj	06-025-4003-3	Westmorland	296	µg/m <sup>3</sup>	High Wind Dust Exceptional Event

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## B) Violating Monitors Information

(listing of **all violating monitors** in the planning area, regardless of operating agency, and regardless of whether or not they are impacted by EEs)

Monitor (AQS ID and POC)	Design Value ( <u>without</u> EPA concurrence on any of the events listed in table A above)	Design Value ( <u>with</u> EPA concurrence on all events listed in table A above)	*FRM monitors at Calexico, Brawley, El Centro, Niland (English Rd), and Westmorland are no longer in operation. Please reference 2016 INPEE for POC-1 Design Values. See Table D for final sampling dates. For 2017 and 2018 the Calexico monitor measure an exceedance each year related to a transport impact from Mexico.
06-025-0007-3	14.3	0.0	
06-025-1003-4	6.7	0.0	
06-025-4003-3	11.7	0.0	
06-025-4004-3	7.7	0.0	
06-025-0005-3	8.2	2.0	

1. designation, classification, attainment determination, attainment date extension, or finding of SIP inadequacy leading to SIP call

2. Provide additional information for types of event described as "other"

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**C) Summary of Maximum Design Value (DV) Monitor Information (Effect of EPA Concurrence on Maximum Design Value Monitor Det  
(Two highest values from Table B)**

	Design Value	Design Value Monitor	Comment
Maximum DV monitor (AQS ID and POC) <u>without</u> EPA concurrence on any of the events listed in table A above	14.3	Brawley (06-025-0007-3)	
	Design Value	Design Value Monitor	Comment
Maximum DV monitor (AQS ID and POC) <u>with</u> EPA concurrence on all events listed in table A above	2.0	Calexico (06-025-0005-3)	2017 and 2018 Transport from Mexico

**D) List of any monitors (AQS ID and POC) within planning area with invalid design values (e.g. due to data incompleteness)**

Monitor AQS ID (and POC)	Monitor Name	
06-025-0005-1	Calexico	The El Centro and Westmorland continuous monitors are based on one year of partial data for 2015. Continuous monitoring began on July 15, 2015.
		El Centro (06-025-1003-2) and Westmorland (06-025-4003-1) filter based instruments were shut down December 31, 2015
		Calexico (06-025-0005-1) filter based instrument ceased sampling on January 19, 2016.